

Table 32.8

Age-Adjusted SEER Incidence^a, by Year and Sex
By Adapted Classification Scheme for Tumors of Adolescents and Young Adults^b
All Races, Ages 20-24

Both Sexes	1975-2013			2004-2013		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	25,326	34.4	0.7*	7,538	38.2	0.7*
1. Leukemias	1,632	2.2	0.8*	481	2.4	0.8*
2. Lymphomas	5,270	7.2	0.7*	1,482	7.5	-0.2
3. CNS, intracranial, intraspinal	1,671	2.3	0.7*	478	2.4	0.7*
4. Osseous & chondromatous neoplasms	672	0.9	1.1*	214	1.1	1.1*
5. Soft tissue sarcomas	1,540	2.1	0.8	378	1.9	-1.2*
6. Germ cell and trophoblastic neoplasms	3,950	5.4	0.8*	1,199	6.1	0.8*
7. Melanoma and skin carcinomas	3,184	4.3	1.1*	961	4.9	1.1*
8. Carcinomas (excluding skin)	6,985	9.5	0.5	2,218	11.3	1.5*
9. Miscellaneous specified neoplasms, NOS	264	0.4	1.7*	88	0.4	1.7*
10. Unspecified malignant neoplasms	158	0.2	0.3	39	0.2	0.3

Males	1975-2013			2004-2013		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	12,429	33.3	0.5*	3,608	35.7	0.5*
1. Leukemias	936	2.5	0.5	262	2.6	0.5
2. Lymphomas	2,824	7.6	0.3	793	7.8	0.3
3. CNS, intracranial, intraspinal	933	2.5	0.1	238	2.4	0.1
4. Osseous & chondromatous neoplasms	393	1.1	0.8	121	1.2	0.8
5. Soft tissue sarcomas	916	2.5	0.7	222	2.2	-2.1*
6. Germ cell and trophoblastic neoplasms	3,530	9.4	0.8*	1,083	10.7	0.8*
7. Melanoma and skin carcinomas	1,084	2.9	0.1	291	2.9	0.1
8. Carcinomas (excluding skin)	1,654	4.4	1.1*	552	5.5	5.0*
9. Miscellaneous specified neoplasms, NOS	100	0.3	-	31	0.3	-
10. Unspecified malignant neoplasms	59	0.2	-	-	-	-

Females	1975-2013			2004-2013		
	No.	Rate	AAPC ^c	No.	Rate	AAPC ^c
All Sites Combined	12,897	35.6	1.0*	3,930	40.9	1.0*
1. Leukemias	696	1.9	0.2	219	2.3	0.0
2. Lymphomas	2,446	6.7	1.1*	689	7.2	-0.2
3. CNS, intracranial, intraspinal	738	2.0	1.4*	240	2.5	1.4*
4. Osseous & chondromatous neoplasms	279	0.8	1.4*	93	1.0	1.4*
5. Soft tissue sarcomas	624	1.7	0.5	156	1.6	0.5
6. Germ cell and trophoblastic neoplasms	420	1.2	0.4	116	1.2	0.4
7. Melanoma and skin carcinomas	2,100	5.8	1.6*	670	7.0	1.6*
8. Carcinomas (excluding skin)	5,331	14.7	0.6	1,666	17.3	1.5*
9. Miscellaneous specified neoplasms, NOS	164	0.5	1.9*	57	0.6	1.9*
10. Unspecified malignant neoplasms	99	0.3	-	24	0.2	-

Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

^b Adapted from: RD Barr, EJ Holowaty, JM Birch. Classification Scheme for tumors diagnosed in adolescents and young adults. Cancer. 106:7; 1425-1430. (Restricted to malignant tumors and updated based on ICD-O-3 definitions).

^c The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2013.

- Statistic could not be calculated. Count and rate based on less than 16 cases for the time interval. AAPC could not be calculated due to insufficient data.

* The AAPC is significantly different from zero (p<.05).